

# MODIFICATION INSTRUCTIONS

## for the

### *Kodak* MINILOADER 2000P

### Service Code: 3479

## Modification No. 10

### Type 2

**Purpose:** To provide positive pressure to the area of the CASSETTE by moving the internal FAN.



#### **Important**

Qualified service personnel must install this modification.

<b>Service Effects:</b>	None
<b>Special Requirements:</b>	None
<b>Serial Numbers:</b>	6724 and below
<b>Installation Time:</b>	1 hour
<b>Special Tools:</b>	None
<b>Parts Status:</b>	Available from Service Parts Management.
<b>Parts Requirements:</b>	See <a href="#">Page 2</a> .



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**PLEASE NOTE**

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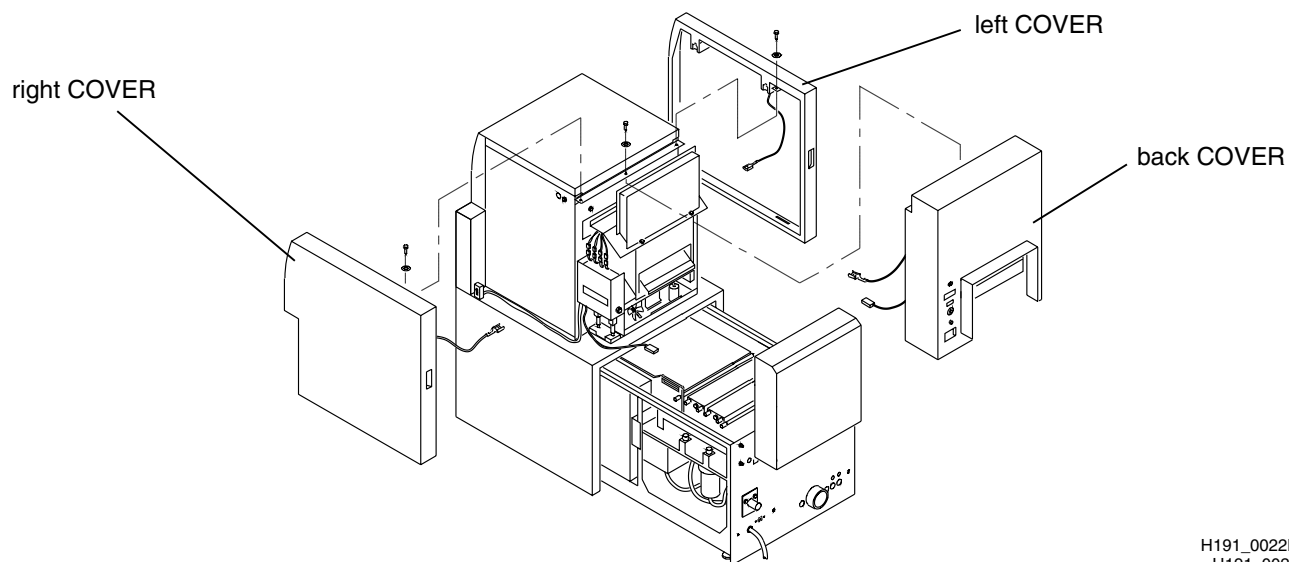
This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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**MODIFICATION KIT H9310703 includes:**

Part No.	Description	Quantity
-----	PANEL - left inside	1
-----	BRACKET - angle	1
-----	HARNESS - fan	1
-----	TIE WRAPS	5
-----	WASHER - star	2
-----	SCREW - M4 x 12	4
-----	PLUG - rubber	1
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## Installing the Modification



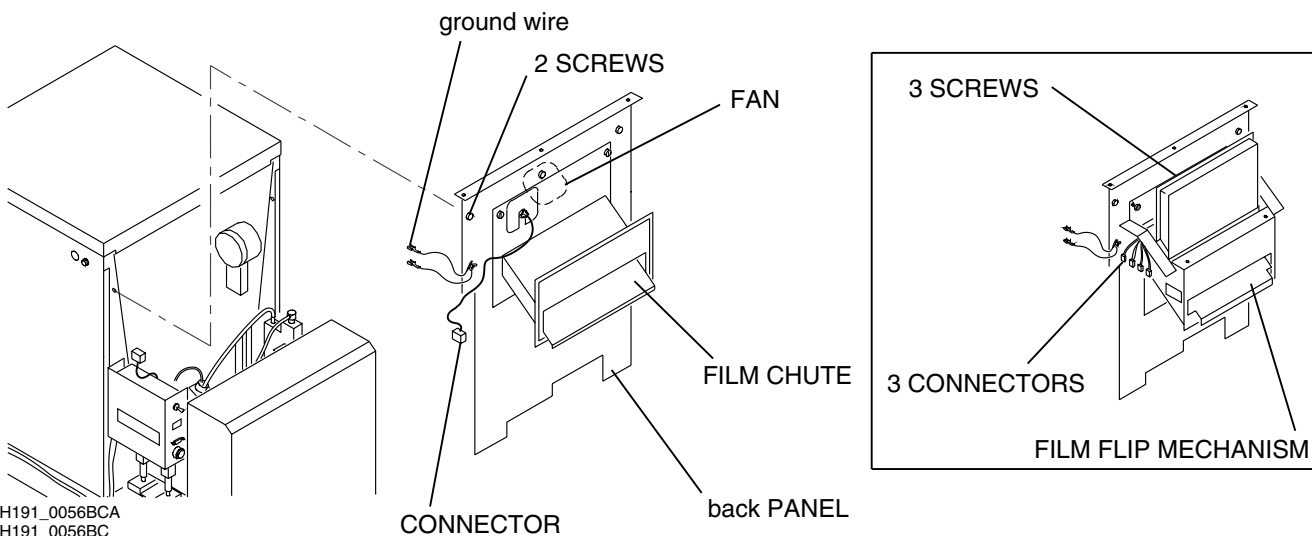
### Warning

Dangerous Voltage

[1] De-energize the MINILOADER 2000P.

[2] Remove:

- right COVER
- left COVER
- back COVER



[3] Disconnect:

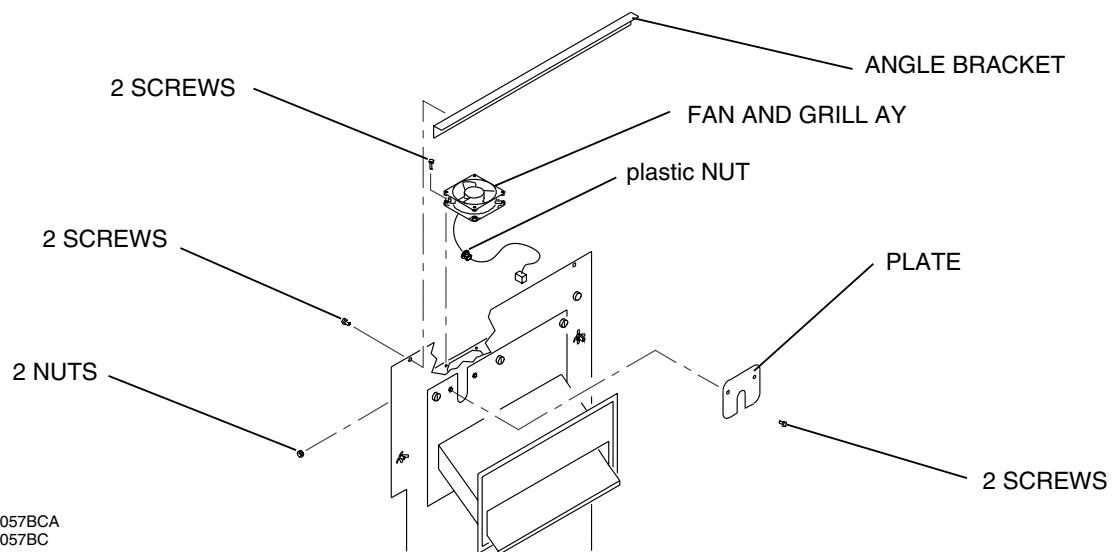
- CONNECTOR from the FAN
- ground wire

[4] If installed, disconnect the 3 CONNECTORS from the FILM FLIP MECHANISM.

[5] Loosen the 3 SCREWS.

[6] Remove the FILM CHUTE or the FILM FLIP MECHANISM.

[7] Rotate the 2 SCREWS counterclockwise and remove the back PANEL.



**[8]** Loosen the plastic NUT.

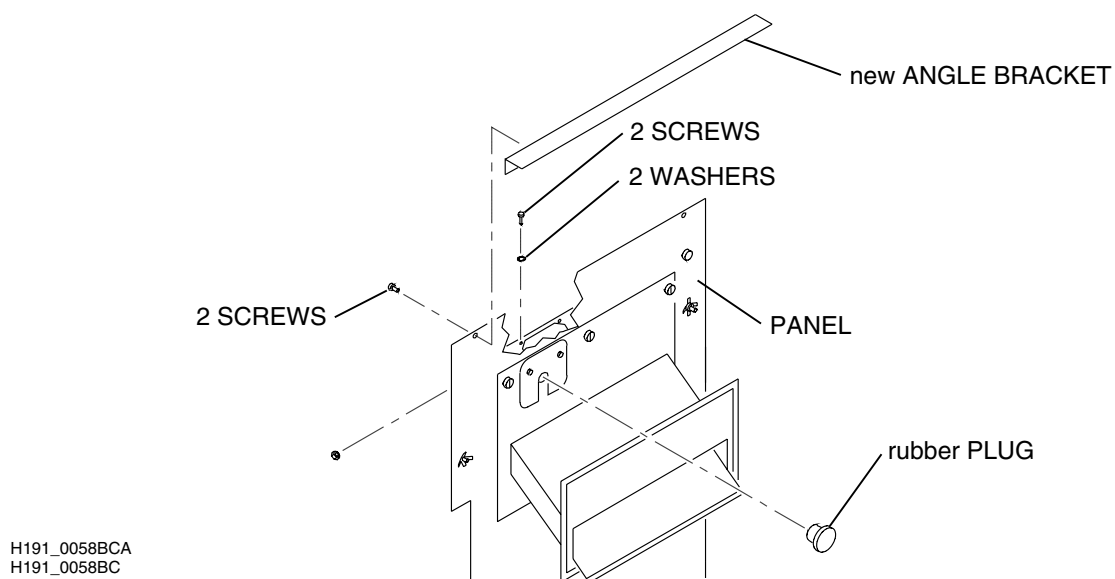
**[9]** Remove:

- 2 SCREWS
- PLATE
- 2 SCREWS
- 2 NUTS
- FAN AND GRILL AY
- 2 SCREWS

**[10]** Remove and discard the ANGLE BRACKET.

**[11]** Install:

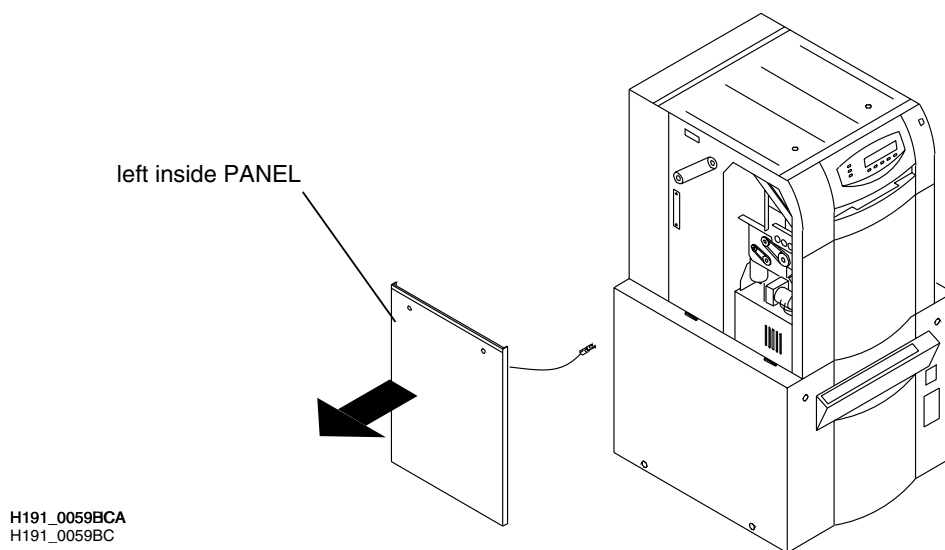
- PLATE
- 2 SCREWS
- 2 NUTS



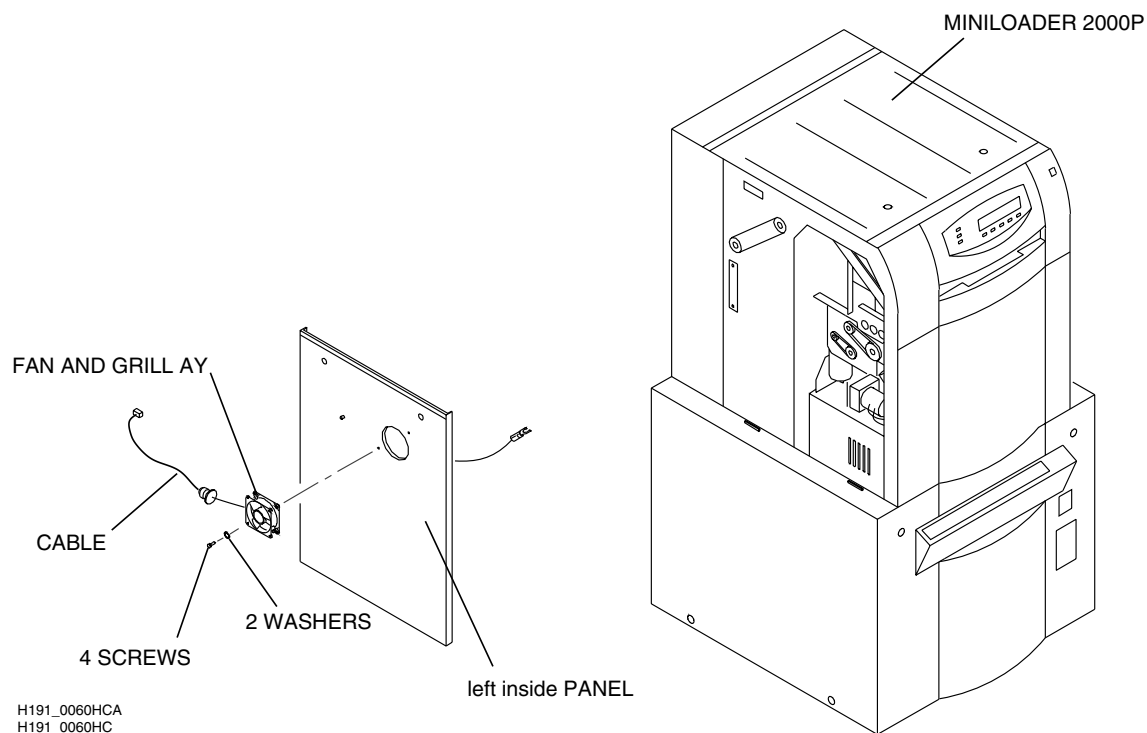
**[12]** Install the new ANGLE BRACKET to the back of the MINILOADER2000P. Use the 2 SCREWS from [Step 9](#).

**[13]** Install in the existing holes on the PANEL:

- 2 WASHERS
- 2 SCREWS
- new rubber PLUG



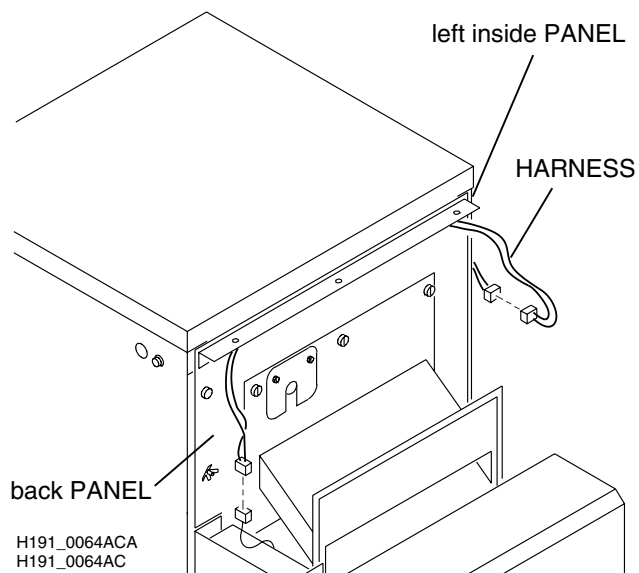
**[14]** Remove and discard the left inside PANEL.



[15] Install on the new left inside PANEL:

- FAN AND GRILL AY
- 2 new WASHERS
- 4 new SCREWS

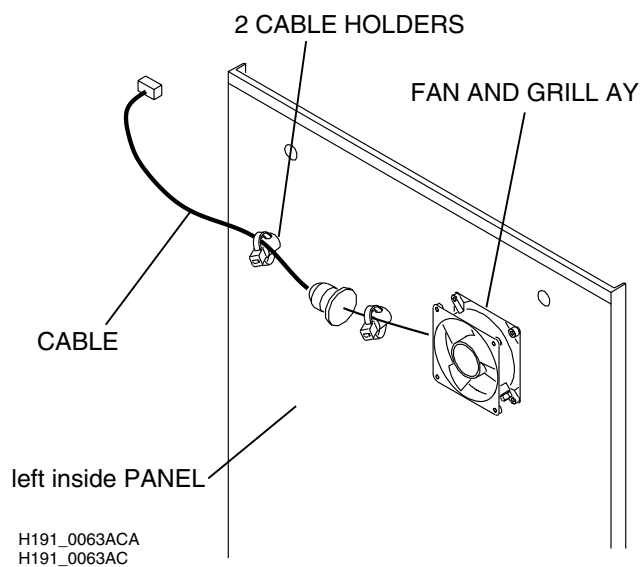
[16] Check that the CABLE is toward the back of the MINILOADER 2000P.



[17] Install:

- left inside PANEL
- back PANEL

[18] Route the new HARNESS.



**[19]** Fasten the CABLE for the FAN AND GRILL AY to the 2 CABLE HOLDERS on the left inside PANEL. Use the new TIE WRAPS.

**[20]** Install the FILM CHUTE or the FILM FLIP MECHANISM to the back PANEL.

**[21]** Tighten the 3 SCREWS.

**[22]** Connect:

- one end of the HARNESS to the FAN and the other end to the CONNECTOR at the original position of the FAN
- CONNECTOR from the FAN
- ground wire



### Caution

Do not allow the low voltage and high voltage wires to touch when connecting the 3 CONNECTORS in [Step 23](#).

**[23]** If a FILM FLIP MECHANISM is installed, connect the 3 CONNECTORS.

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## Completing the Modification

[1] Do the safety tests with a SAFETY TESTER:

- GROUND RESISTANCE TEST is  $< 0.1 \Omega$  between the GROUND CONDUCTOR for the POWER CORD and all components and parts that are connected to ground
- INSULATION RESISTANCE TEST is  $> 2 \Omega$

[2] Check:

- routing of the new HARNESS for sharp edges
- condition of all wires
- FAN AND GRILL AY is installed correctly
- PANELS and COVERS are connected to ground and installed correctly
- correct connection of the ground wires

[3] Circle "10" on the MODIFICATION LABEL.

[4] Energize the MINILOADER 2000P.

[5] Check the operation of the FAN.

[6] Install the external COVERS.

[7] Record the following information for feedback:

K-number	Service Code	Serial No.	Activity Code	Installation Time	Part No.
	3479		M010		H9310703

## Publication History

Publication Date	Publication No.	Changed Pages	File Name	Notes
14OCT02	1F2891	----	1f2891.fm	New Publication

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